ABSTRACT OF THE DISCLOSURE

In an electric motor comprising a rotor, a stator, a stator core that constitutes the stator, a core section that constitutes the stator core,a plurality of split core blocks which constitute the core section, and a metallic connection housing that connects the split core blocks in dovetailed form to create one connected core section, the split core blocks are each formed of a laminated steel plate, in that the connection housing is formed of a material softer than the laminated steel plate, and the dovetailed connections at the connection housing are plastically deformed to remove the connection gap existing at each of the dovetailed connections.